

OPERATIONS & MAINTENANCE



**US Army Corps
of Engineers** ®
San Francisco District

Project Map

CRESCENT CITY HARBOR CALIFORNIA

CONGRESSIONAL DISTRICT: 1st District, Rep. Mike Thompson

PROJECT DESCRIPTION: This project is a shallow-draft harbor of refuge, supporting a Coast Guard search and rescue station, commercial and sport fishing, and recreational boating. The Operations and Maintenance schedule provides for annual inspection and periodic repair of the Outer and Inner breakwaters as well as 5-year cycle maintenance dredging of the Entrance Channel to -20 feet Mean Lower Low Water (MLLW), and the Inner Harbor Basin Channel to -15 feet MLLW. The local sponsor (Crescent City Harbor District) is responsible for providing an adequate dredged material disposal site.

FISCAL YEAR 03 BUDGET: \$0

PRESENT STATUS: The Outer Breakwater was rehabilitated with 42-ton, reinforced concrete dolosse units in 1986. The dolosse are being monitored for structural integrity. Additional repairs to the breakwater structures were last completed in October 2000. The summer of FY2001 inspection of the breakwater structures indicated almost no change from the previous inspection. A condition index (CI) number of 87 was assigned to the inner breakwater structure and a CI of 88 was assigned to the outer breakwater. Condition indices range from 1 to 100, with below 40 considered inadequate and repair to be critical. A jetty inspection will be conducted in the summer of calendar year 2002 to verify structural integrity status. Maintenance dredging of the Entrance Channel was last completed in November 1998. The Inner Harbor Basin was last dredged in November 2000, when the Federal Channel was extended to provide access to the commercial fishing boat basin and Citizens Dock. A preliminary Dredged Material Management Plan (DMMP) study has been completed which supports ocean disposal as an economically justified, long-term solution for maintenance of the project. The DMMP effort includes coordination with State of Oregon Environmental Agencies and EPA region 10 for use of an ocean disposal off the Coast of Oregon.

FUTURE EFFORTS: The Entrance Channel routine maintenance dredging is scheduled in FY03. The DMMP is scheduled for completion in FY03.